AceCom and 2800

Interface PCB

Normally, data is transferred optically. This leaves the control PCB at P29 (5 pin connector – but middle pin is absent on the VMC PCB). For connection via ¼” jack plug, an interface pcb is required, part number 4720501, and an alternative interface harness which runs from P29 on the control board to P29 on the new interface board. This interface board also has a 9-pin D-type connector (male) which appears to connect to the jack socket. It also has 3 jumper links, J5 by itself (with a link fitted) and J6 and J7 (J1-J4 are bare solder pads) which have the links fitted South, furthest away from the D connector.

A 9 way Null Modem cable can be used to connect to the PC.

The pcb has 4 LED’s.

• RX2	Lit all the time when connected to VMC
• TX2	Always unlit
• OPT-RX	Lights when data is received by machine
• OPT-TX	Lights when data is sent from machine

Master Module set up.

First, clear the error log. If there is any data in here, the comms will not operate.
To clear the error log,
#31 [Enter][*] [F1]

Then check and set the Communication Settings,
#247 (Comm settings) [Enter] [Upper down arrow key]
    Use upper Right-Arrow key to step through options…..
    Use lower Left and Right-Arrow key to choose option from list…..
Receiver =OPT (selects P29 on pcb)
Baud=2400 (can be adjusted to 9600 to work with standard AceCom)
Protocol=VIDTS (normally set to MID)
Machine Copy=OFF (this is normally OFF but needs to be ON to do machine cloning (List-50 data) which will still allow audit collection).

2800 Operation

During up/down loading, the 2800 display shows “INPUT XX” or “OUTPUT XX” where XX counts down the data blocks.

Security settings need to be 45 and 444.

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[*] [Enter] button is at bottom right and has a dot on it. This needs to be pressed to store changes. To skip though functions use the upper Right-arrow, but to select options within a function, use the bottom right arrow key.